

Work Order ID 62843

October 12, 2010 7:51:54 AM



# PRELIMINARY ISSUE

Page 1

Item ID: D4108-9

Accept



Setup Start



Revision ID:

Item Name: Fitting, Litter Door

Start Date: 12/10/2010 Start Qty: 2.00



Cust Item ID:



Required Date: 15/10/2010 Req'd Qty: 2.00



Customer:

Reference:

10/10/12

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4108	A

100 Cut blanks as per folio 0.00

Bandsaw Memo 0.00 *OK*

Jeaspa Bandsaw

110 0.00

HAAS 1 Memo 0.00 *OK*

HAAS CNC vertical machine #1 MILL AS PER DWG AND FOLIO FA964

FOLIO REV: A  
DWG REV: A

DEBURR.

SL 10/10/19



MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

**Work Order ID 62843**

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Cust Item ID:

Required Date: 15/10/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

120



QC

Quality Control

Operation  
Description

QC2- Inspect parts off machine FAJ/FAIB

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberReject  
StampInsp.  
Stamp

SL 10/10/19

130



QC

Quality Control

QC8- Inspect parts - second check

0.00

JF 10-10-19

(2)

140



Packaging

Packaging

Identify as per dwg &amp; Stock Location: GA

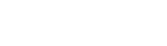
0.00

B 62306

0.00

SB 10/10/19

(2)



**Work Order ID 62843**

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October 12, 2010 7:51:54 AM

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Start Date: 12/10/2010 Start Qty: 2.00



Cust Item ID:

Required Date: 15/10/2010 Req'd Qty: 2.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

*M. J. [Signature] 10/10/10  
QC21 Rev A  
10.10.10.*

POSITIVE RECALL

EFFECTIVE 10/10/12 AUTH *[Signature]*RELEASED *[Signature]* DATE 10/10/17

*W 10-10-19*

# Picklist Print

October 12, 2010 7:51:54 AM

Page 1

Work Order ID: 62843



Parent Item: D4108-9



Parent Item Name: Fitting, Litter Door

Start Date: 12/10/2010

Required Date: 15/10/2010

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 10-10-12 VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304B2.000X03.000  304 BAR 2.000" X 3.000"		Purchased		No		100	f	0.0000	0.3125	0.657895		JL 10/10/19	

Batch# M115894

DART AEROSPACE LTD	Work Order:	62843
Description: Sitting, litter door	Part Number:	A4108-9
Inspection Dwg: A4108 Rev: A		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

First Article     Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.100	$\pm .010$	.099	✓		Vern SL-3	
3.63	$\pm .030$	3.630	✓		"	
.125	$\pm .010$	.128	✓		"	
R.25	$\pm .030$	.250	✓		R-G	
.125	$\pm .010$	.128	✓		Vern SL-3	
.13	$\pm .030$	.130	✓		R-G	
1.78	$\pm .030$	1.782	✓		Vern SL-3	
1.48	$\pm .030$	1.478	✓		"	
2.57	$\pm .030$	2.570	✓		"	
.66	$\pm .030$	.66	✓		"	
.34	$\pm .030$	.372	✓		"	
$\phi .235 \times 3$	$\pm .005$ $\pm .001$	.235	✓		"	
2.06	$\pm .030$	2.05	✓		"	
$\phi .316$	$\pm .005$ $\pm .001$	.316	✓		"	
2.57	$\pm .030$	2.570	✓		"	
2.27	$\pm .030$	2.27	✓		H-G	"
.100	$\pm .010$	.100	✓		"	
1.06	$\pm .030$	1.06	✓		"	
<del>0.12 R.25</del>	$\pm .030$	.250	✓		R-G	
.53	$\pm .030$	.53	✓		Vern SL-3	
1.00	$\pm .030$	1.001	✓		"	
.44	$\pm .030$	.44	✓		"	
2.00	$\pm .030$	2.000	✓		"	

Measured by:	SL	Audited by:		Prototype Approval:	N/A
Date:	10/10/19	Date:	10.10.19	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

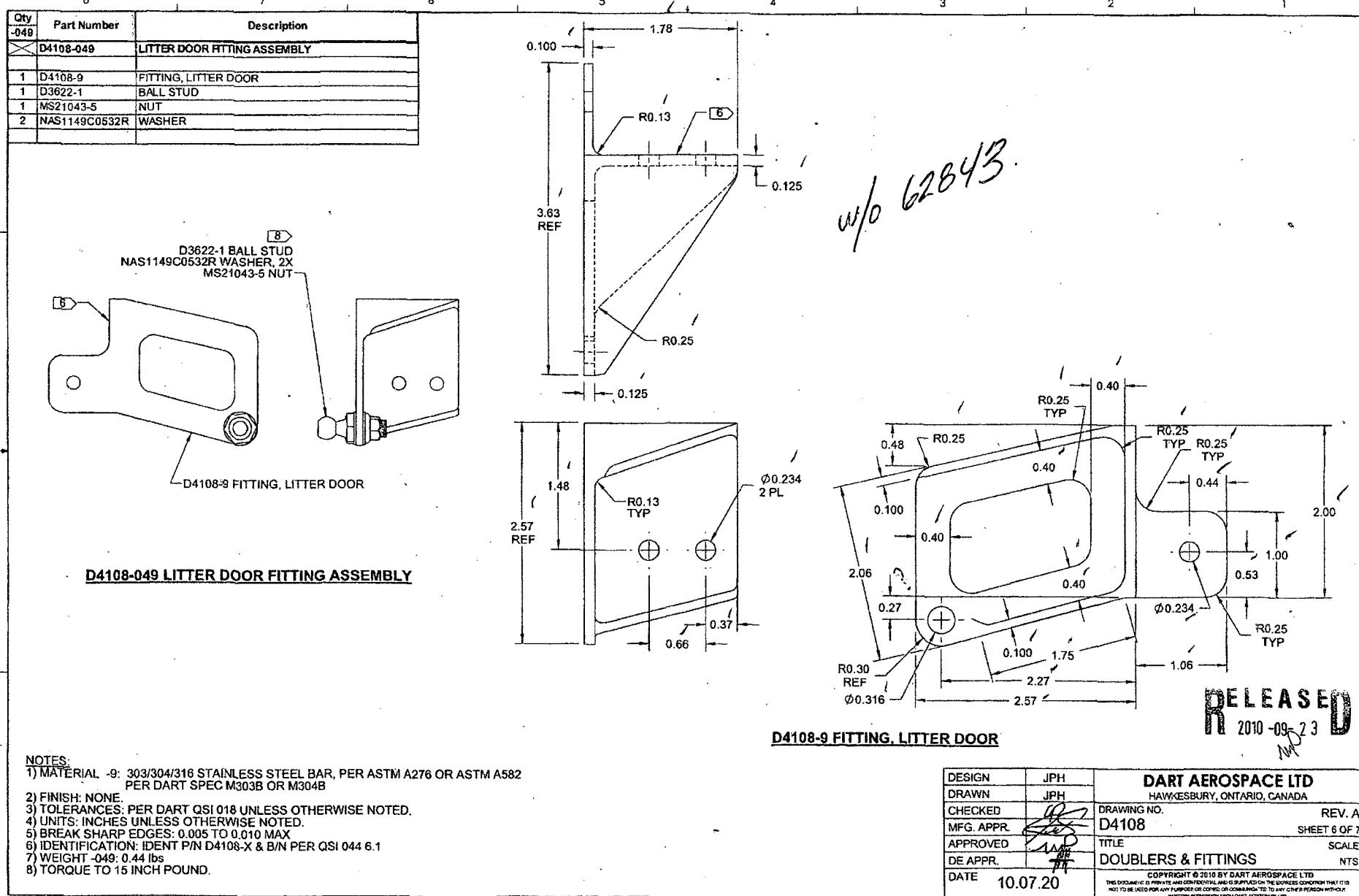
DART AEROSPACE LTD	Work Order:
Description:	Part Number:
Inspection Dwg:	Rev:

# FIRST ARTICLE INSPECTION CHECKLIST

## X First Article      Prototype

Measured by:	<u>SL</u>	Audited by:	<u>JW</u>	Prototype Approval:	N/A
Date:	10/10/19	Date:	10-10-19	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	



DESIGN	JPH	<b>DART AEROSPACE LTD</b>	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	
MFG. APPR.		REV. A	
APPROVED		D4108	
DE APPR.		SHEET 6 OF 7	
DATE	10.07.20	TITLE	SCALE
		DOUBLERS & FITTINGS	

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN COMMUNICATING TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

## Receiving Report

Date: 10/10/14

Batch No: M115894

Supplier: metacu solution

Dart P/O: 12692

Packing Slip: Yes  No   
 Invoice: Yes  No   
 Receipt: Cash  Cr

Release Note Attached: Yes  No  N/A   
 Waybill Attached: Yes  No   
 Shipment Complete: Yes  No  N/A   
 QC6 Inspection: OK 10/10/15  N/A   
 Work Order  N/A

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 CL

Production/Admin:

Date

Received/Costing

Initial

10/10/15

Location

METAUX SOLUTIONS INC.  
2108, 32E AVENUE  
LACHINE, QUEBEC  
H8T 3H7

Tel.: 514 633-8010

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

## Shipping Order

13/10/2010

Order  
Reference  
Bid  
Ship

69716  
PO12692  
7053  
NOTRE CAMION / OUR TRUCK

## Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delive	B/O Qty
SF342124	304 FLA .750 X 2.500 2 X 13.5' ***** HT;6712249			
SF234	304 FLA 2.000 X 3.000 1 X 8' ***** HT;250191	8	8	0
SORT10654	SS TUB 1.000 X .065 18-8 ORN W 1 X 20' HT; SRH8			
AR34	ALU ROU .750 DIA 6061-T6 2 X 20' HT; S-4758			
ADS516058	ALU TUB .312 X .058 DWN SMLS X 12' *** HT;534677	77	84	0
MSQ11241CD	4140-SQU 1.500 CD- 1 X 12' 29786			
	LIVRE PAR TST COLLECT JP			

Ref. : \_\_\_\_\_

Shipping : \_\_\_\_\_

Package No : \_\_\_\_\_

Merchandise Received: \_\_\_\_\_

## Purchase Order Receipt Listing

Page 1 of 1

October 15, 2010 11:56:01 AM

All amounts are calculated in domestic currency.

All Vendors PO ID po12692 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

# CERTIFICATE OF TEST CERTIFICAT D'ESAISS

Page 01 of 02

Certification Date  
12-OCT-2010

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

29125-J  
PART NUMBER/NUMÉRO DE PIÈCE

Invoice Number  
T283399

522225

SOLD TO:	METAUX SOLUTIONS INC.	SHIP TO:	METAUX SOLUTIONS (MONTREAL)
VENDU À:	9060-0388 QUEBEC INC. 1320 VOLTA BOUCHERVILLE QC J4B 6G6	EXPÉDIÉ À:	2108 32 IEME AVENUE LACHINE QC H8T 3H7

Description: 304/304L HR ANN BAR ASTM A479  
2 X 3 ( 9' 0" 8' 1" ) 108.0" REMNANT  
HEAT: 250191

Line Total: 184 LB

ITEM: 522225

Specifications:

ASTM A276) 08A	ASTM A479 09	ASME SA479 07
QQ S 763 F	AMS 5639 H	AMS 5647 H
AMS QQ S 763 B	ASME SA276 07	ASTM A182 09A
ASTM A370 09A	MIL S 862 B	ASME SA182 07
ASME SA320 07	ASTM A193 08	ASTM A314 08
ASTM A473 01	NACE MR0175 03	ASME SA193 07
ASTM A262 PRACT E 02A	ASTM A320 08	

CHEMICAL ANALYSIS

C	SI	MN	CR	MO	CU	NI	CO
0.023	0.56	1.68	18.2100	0.51	0.51	8.07	0.10
P	S	N					
0.031	0.025	0.086					

RCPT: R243113

COUNTRY OF ORIGIN : ITALY

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR KSI	ULT TEN KSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS BHN
	37.0	82.0	63.0	71.0	166

GRAIN SIZE : 5

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcris du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOSEE DUBE

# CERTIFICATE OF TEST CERTIFICAT D'ESAI

Page 01 of 02

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NUMÉRO DE COMMANDE DU CLIENT

Certification Date  
12-OCT-2010

29125-J  
PART NUMBER/NUMÉRO DE PIÈCE

Invoice Number  
T283399

522225

SOLD TO:	METAUX SOLUTIONS INC.	SHIP TO:	METAUX SOLUTIONS (MONTREAL)
VENDU À:	9060-0388 QUEBEC INC. 1320 VOLTA BOUCHERVILLE QC J4B 6G6	EXPÉDIÉ À:	2108 32 IEME AVENUE LACHINE QC H8T 3H7

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2 X 3 9 10" 3" ( 108.0" ) REMNANT  
HEAT: 250191 ITEM: 522225

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ASTM A262 PRACT E 02A	ASTM A320 08	

CHEMICAL ANALYSIS

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0.023	0.56	1.68	18.2100	0.51	0.51	8.07	0.10
P	S	N					
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JOSEE DUBE



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

**Purchase Order ID PO12692**

Purchase Order Date 10/05/10

PO Print Date 10/05/10

Page Number 1 of 2

VC-MET002

**Order From :**

METAUX SOLUTIONS  
1320 C, VOLTA  
BOUCHERVILLE, QC J4B 6G6  
CA

Contact Name	
Vendor Phone	800 558 8858
Vendor Fax	514 633 8044
Vendor Account Nbr	

Buyer	Chantal Lavoie
Requisition Nbr	
Tax Resale Nbr	10127-2607
Terms	Net 30
Currency	CAD
FOB	Destination-Collect

**Ship To :** DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

2010-01-01

No substitution or deviation without consent.  
Certificate of Conformity or Material Certification required when applicable

Change Nbr: 1

Change Date: 10/05/10